

# Meeting of the Commissioners of the Madison Metropolitan Sewerage District

Thursday, Jan. 17, 2019 8 a.m.

District Maintenance Facility Training Room, 1610 Moorland Road, Madison, WI 53713

**Present:**

- Commissioner Tom Hovel
- Commissioner Angela James
- Commissioner Ken Clark
- Commissioner Sara Eskrich
- Commissioner James Martin
- Commissioner Ezra Meyer
- Commissioner Brad Murphy
- Commissioner Mary Swanson
- Commissioner Tom Wilson

## Commission Meeting

### 1. Opening

- A. Call to Order 8:01 a.m.
- B. Welcome Guests: Greg Fries, City of Madison.
- C. Announcements: Introduction of Accounting Assistant Janet Bangs.

### 2. Appearances by the Public: None.

### 3. Consent Calendar

- A. Approval Meeting Minutes from 12-13-2018
- B. Approval of Cash Statements Operating Fund
- C. Approval of Cash Statements Capital Project Fund
- D. Authorizing the Purchase of Insurance Coverage (2019-01-17-R1)
- E. Expedited Boundary Annexation 2019-01 Utility Building (City of Verona) (2019-01-17-R2)
- F. Review and Approval of Sewer Extension Plans (2019-01-17-R3 thru 2019-01-17-R6)
  - Well 6 Pumping Station, City of Verona
  - Darwin Road Resurfacing with Utilities Assessment District – 2019, City of Madison
  - Hammersley Avenue Assessment District – 2019, City of Madison
  - Olin-Turville Court Sanitary Sewer Slip-Lining, City of Madison

**Discussion:** The 12-13-2018 minutes; operating cash fund, capital projects cash fund, authorization to purchase insurance, expedited boundary annexation for 2019-01 Utility Building (City of Verona) and sewer extension plans were reviewed and placed on file.

The operating cash fund account shows an available balance through operating fund check no. 120730 in the amount of \$756,167.36; subsequent receipts totaling \$2,273,516.62; less disbursements of \$2,860,177.89; resulting in a cash balance of \$169,506.09. The capital projects fund cash statement shows an available balance through capital projects fund account check no. 10348 in the amount of \$9,498.12; plus

receipts of \$356,657.44; less disbursements of \$283,033.18; with a resulting cash balance of \$83,122.38.

**Action 1:** Commissioner Meyer moved, seconded by Commissioner Murphy to approve item A of the consent calendar. Commissioner Martin and Commission Clark abstained from the vote to approve the 12-13-2018 meeting minutes due to excused absences from the 12-13-18 meeting.

Motion carried 7-0.

**Action 2:** Commissioner Martin moved, seconded by Commissioner Eskrich to approve items B-F of the consent calendar which includes resolutions 2019-01-17-R1 through 2019-01-17-R6.

Motion carried 9-0.

#### 4. **Review of Bids, Increase Total Project Cost and Award Contract Pumping Station 7 Improvements**

**Presenter:** Dave Lunday, Electrical Construction Manager

**Description:** Staff presentation and request to increase cost for the project through resolution 2019-01-17-R7.

**Discussion:** Mr. Lunday presented information on the Pumping Station 7 project which included information on the financial impact, background, analysis and options and next steps. After commission discussion, the following action took place:

**Action:** Commissioner Martin moved, seconded by Commissioner Clark to increase the final project cost to \$4,250,000 and approve resolution 2019-01-17-R7 awarding the contract to the low bidder, C.D. Smith Construction Inc.

Motion carried 9-0.

#### 5. **Approval of Research Agreement with UW–Madison**

**Presenter:** Matt Seib, Process and Research Engineer

**Description:** Requested approval of resolution 2019-01-17-R8 which approves the agreement with UW-Madison for continuation of research related to the removal of nutrients from wastewater under low dissolved oxygen conditions.

**Discussion:** Mr. Seib presented information on the financial impact, background and analysis and options for the commission to consider. After presentation and discussion the following action took place:

**Action:** Commissioner Eskrich moved, seconded by Commissioner Meyer to approve resolution 2019-01-17-R8 approving the research agreement with UW Madison.

Motion carried 9-0.

#### 6. **Fourth Quarter Sewer Service Bills**

**Presenter:** Todd Gebert, Capital Planning Engineer

**Description:** Approval of resolution 2019-01-17-R9 approving service charges for each of the district's customers that are calculated and invoiced on a quarterly basis to fund the district's costs for conveying and treating wastewater.

**Discussion:** Mr. Gebert provided a quarterly information packet to the commission at the meeting. He then presented information on the financial impact, analysis and options and service charge summary for the fourth quarter of 2018.

**Action:** Commissioner James moved, seconded by Commissioner Wilson to approve resolution 2019-01-17-R9 which approves sewer service charges for the fourth quarter of 2018 as prepared.

Motion carried 9-0.

## 7. Chief Engineer and Director's Report

### A. CED Update

Mr. Mucha gave a brief update on district happenings. He updated the commission on the impact of the government shutdown on USGS monitoring requirements for adaptive management, informed the commission of Commissioner Wilson's reappointment to the commission board and he briefed the commission on next steps for commission board strategic planning.

### B. Regulatory/Legal Review

Mr. Kent gave a brief update on current legal and regulatory happenings.

### C. Future Meeting Schedule

Commissioner Wilson will be absent for the January 31 meeting. Commissioner Eskrich will be calling in for a portion of the February 14 meeting.

## 8. Future Agenda Topics

**Action:** None.

## 9. Other Business by Law

**Action:** None.

## 10. Adjournment

**Action:** Commissioner Wilson moved seconded by Commissioner Meyer to adjourn the meeting.

Motion carried 9-0 and meeting adjourned at 8:48 a.m.

Regular Meeting of the Commissioners

Jan. 17, 2019

---

Angela James, Secretary

### **Future Meetings:**

Thursday, Jan. 31, 2019

Thursday, Feb. 14 2019

Thursday, Feb. 28, 2019



---

**AUTHORIZATION FOR PURCHASE OF INSURANCE COVERAGE FOR LIABILITY,  
PROPERTY AND WORKERS COMPENSATION  
RESOLUTION 2019-01-17-R1**

**WHEREAS**, Madison Metropolitan Sewerage District (“the district”) annually purchases insurance coverage to mitigate the risk of large out-of-pocket expenses, and

**WHEREAS**, the district purchases liability insurance from the League of Wisconsin Municipalities Mutual Insurance, and

**WHEREAS**, the district purchases worker compensation insurance from United Heartland, and

**WHEREAS**, the district purchases property insurance from Municipal Property Insurance Company, and

**WHEREAS**, the district has allocated funds in the 2019 operating budget to fund the premiums for these items,

**THEREFORE, BE IT RESOLVED**, that the district staff is authorized to purchase the following insurance for 2019:

Insurance	2019 Premium	Provider
Property coverage	\$144,762	Municipal Property Insurance Company
Liability coverage	\$115,939	League of Wisconsin Municipalities Insurance
Workers Compensation	\$149,133	United Heartland

The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district office on Jan. 17, 2019.

MADISON METROPOLITAN SEWERAGE DISTRICT

Thomas Hovel, President

Attested by:

Angela James, Secretary

---



---

**EXPEDITED BOUNDARY ANNEXATION 2019-01 UTILITY BUILDING  
RESOLUTION 2019-01-17-R2**

**WHEREAS**, an annexation request referred to as the “Utility Building” was submitted to the Madison Metropolitan Sewerage District (the “district”), by Theran Jacobson of the City of Verona, on Dec. 20, 2018, and

**WHEREAS**, the City of Verona is requesting that Certified Survey Map No. 15002, being parcel number 286-0608-231-9760-2 and the adjacent right-of-way of Whalen Road and North Liberty Drive, be annexed to the district. The requested parcel would expand the district sanitary sewer service area boundary by 2.17 acres, and

**WHEREAS**, the City of Verona attached the subject lands from the Town of Verona via Ordinance No. 18-928 which was adopted on Oct. 8, 2018, and published on Nov. 1, 2018, and

**WHEREAS**, the subject annexation request is consistent with section §200.15(1)(a)(3) of the Wisconsin Statutes, and

**WHEREAS**, the proposed annexation parcel is adjacent to territory presently served by the district, and

**WHEREAS**, the district has sufficient design capacity to serve the lands proposed for annexation, and

**WHEREAS**, the lands described in the district annexation petition are part of the Verona Urban Service Area. The Capital Area Regional Planning Commission adopted Water Quality Management Letter #1706 on Nov. 8, 2018. The Wisconsin Department of Natural Resources subsequently approved the amendment to the Dane County Water Quality Plan on Dec. 6, 2018, and

**WHEREAS**, the subject annexation will promote sewerage management policies and operations; will promote public health and welfare; will effect efficiency and economy in sewerage management based upon currently accepted engineering standards regarding prevention and abatement of environmental pollution, and federal and state rules and policies in furtherance thereof; and will be consistent with adopted plans of municipal, regional and state agencies, and

**WHEREAS**, the chief engineer and director of the district has recommended the approval of said annexation request,

---

---

**NOW, THEREFORE**, and following consideration of the above recitals which are incorporated by reference, it is hereby resolved by the Madison Metropolitan Sewerage District Commission as follows:

1. The request for annexation for the utility building lands, made by Theran Jacobson of the City of Verona, submitted on Dec. 20, 2018, is approved.
2. The commission president and district chief engineer and director shall execute the order for district annexation No. 2019-01.
3. The City of Verona shall pay the expedited annexation fee of \$1,350 to the district within 30 days of receiving an invoice for the fee.

The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district on Jan. 17, 2019.

**MADISON METROPOLITAN SEWERAGE DISTRICT**

*Attested by:*

  
\_\_\_\_\_  
Thomas Hovel, President

  
\_\_\_\_\_  
Angela James, Secretary

MMSD ANNEXATION NO. 2019-01

ANNEXING LANDS IN THE CITY OF VERONA TO  
MADISON METROPOLITAN SEWERAGE DISTRICT

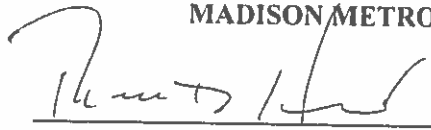
Notice Dated: JANUARY 17, 2019

The Commission of the Madison Metropolitan Sewerage District, Following Consideration of Documentation and Recommendations from District Staff, Which Are Incorporated By Reference, Does Hereby Ordain as Follows:

1. The Commission has no objection to addition of the Subject Land to the territory of the District, all as set forth herein.
2. The Subject Land, as described in Exhibit 1, is hereby annexed to the District, subject to each and all of the following conditions:
  - a. The Petitioner shall participate in the cost of the existing conveyance facilities and treatment plant necessary to serve the annexed lands in accordance with District Policies, and
  - b. The Petitioner shall be and is subject to the District's Sewer Use Ordinance and shall comply therewith; and
  - c. The Petitioner shall pay such sewer service charges as may, from time to time, be made by the District; and
  - d. The Petitioner shall pay such ad valorem taxes as the District may, from time to time, assess and levy against the land annexed.

Approved by the Commission of the Madison Metropolitan Sewerage District at a duly noticed meeting held on the 17 day of January, 2019.

MADISON METROPOLITAN SEWERAGE DISTRICT COMMISSION

  
\_\_\_\_\_  
Thomas D. Hovel, Commission President

Attested by:  
  
\_\_\_\_\_  
D. Michael Mucha, Chief Engineer & Director

Incorporated by Reference:  
Exhibits reviewed by District staff



---

**WELL 6 PUMPING STATION  
2019-01-17-R3**

**WHEREAS**, plans for sanitary sewer extensions were submitted to the Madison Metropolitan Sewerage District (the “district”) for Well 6 Pumping Station, in the City of Verona, on Dec. 18, 2018, by Angelia Gebeau of AECOM, and

**WHEREAS**, the project consists of installing 960 feet of 8-inch diameter sanitary sewer on Whalen Road and Future North Liberty Drive, and

**WHEREAS**, the lands to be served are Lot 1 of CSM 15002, and were annexed to the bounds of the Madison Metropolitan Sewerage District during the meeting of Jan. 17, 2019, and

**WHEREAS**, the proposed sanitary sewer extension will connect to City of Verona’s sanitary sewerage facilities, and is within the district’s Nine Springs Valley Interceptor/Pumping Station 17 basin, and

**WHEREAS**, plan review fees are due, and

**WHEREAS**, conveyance facility and treatment plant connection charges for the lands to be served have not been paid, and

**WHEREAS**, the district has received a sewer extension review letter #23-18-6 from the Capital Area Regional Planning Commission (CARPC) dated Dec. 13, 2018 stating the CARPC staff has reviewed the proposed extension and determined that it is consistent with the urban service area provisions of the Dane County Water Quality Plan and the Dane County Land Use and Transportation Plan, and fulfills the conditions of WDNR letter DC-0197, dated Dec. 6, 2018, which added this area to the Verona Urban Service Area, and

**WHEREAS**, the chief engineer and director of the district has recommended the approval of said plans,

**THEREFORE, BE IT RESOLVED**, that the plans for sanitary sewer extensions for Well 6 Pumping Station, in the City of Verona, submitted on Dec. 18, 2018, by Angelia Gebeau of AECOM, be approved subject to the following conditions:

---



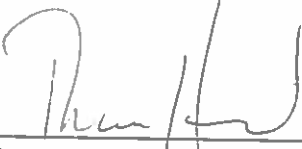
- 
1. That the City of Verona shall pay the plan review fee of \$1,475 to the district within 30 days of receiving an invoice for the fee.
  2. That prior to connection of the proposed sewers serving said lands to the public sewerage system, the City of Verona shall have paid to the district the sum of \$9,563.42 for payment of \$7,138.98 in Nine Springs Valley Interceptor/Pumping Station 17 basin conveyance facility connection charges and \$2,424.44 in treatment plant connection charges; said lands being Lot 1 of CSM 15002.
  3. That payment of the aforementioned connection charges shall be made to the district within six months of the date of approval. If payment in full is not received by the district within six months of approval, the approval shall become void and new plans shall be submitted.
  4. That conveyance facility and treatment plant connection charges are adjusted from time to time, and said connection charges will be due based on the rate in place at the time at which the payment is made.
  5. That if said connection charges for the lands to be served remain unpaid after construction of said sewer extensions, a late fee of 0.5 percent of the amount due shall be charged to the City of Verona for each month or partial month thereafter following connection. A one-time \$500 administrative fee shall also be charged.
  6. That the City of Verona shall require the presence of an engineer or an inspector on the construction of said sewer extensions who shall make a record showing in detail the construction as built and shall furnish the district with as-built plans in the case of any significant deviations from the original design.
  7. That the construction, operation, maintenance and use of said sewer extensions shall be in accordance with the lawful rules and regulations of the district and with the applicable State of Wisconsin plumbing and sewerage codes.
  8. That if construction of the sewer extensions covered by said plans has not commenced within four years following the approval date of this resolution, this approval shall become void and new plans shall be submitted. If construction has commenced but has not been completed within the four-year approval period, the unbuilt portion must be submitted for reapproval if it is a significant portion of the project and would require DNR approval.
-

---

The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district on Jan. 17, 2019.

**MADISON METROPOLITAN SEWERAGE DISTRICT**

*Attested by:*

  
\_\_\_\_\_  
Thomas Hovel, President

  
\_\_\_\_\_  
Angela James, Secretary





---

**DARWIN ROAD RESURFACING WITH UTILITIES ASSESSMENT DISTRICT - 2019  
2019-01-17-R4**

**WHEREAS**, plans for sanitary sewer extensions were submitted to the Madison Metropolitan Sewerage District (the "district") for Darwin Road Resurfacing with Utilities Assessment District - 2019, in the City of Madison, on Dec. 6, 2018, by Mark Moder, City Engineering Division, and

**WHEREAS**, the project will replace 1,250 feet of 8-inch diameter sanitary sewer on Darwin Road, located near the Dane County Regional Airport. The sewers have been determined to be in poor condition and are being replaced in conjunction with the street resurfacing project, and

**WHEREAS**, no new lands will be served as part of this project, and

**WHEREAS**, the proposed sanitary sewer extension will connect to City of Madison's sanitary sewerage facilities, and is within the district's Northeast Interceptor/Waunakee-DeForest extension basin, and

**WHEREAS**, conveyance facility connection charges for the areas being served have been paid, and

**WHEREAS**, plan review fees are waived for street reconstruction projects, and

**WHEREAS**, the district has received a sewer extension review letter #6-18-55 from the Capital Area Regional Planning Commission (CARPC) dated Dec. 12, 2018 stating the CARPC staff has reviewed the proposed extension and determined that it is consistent with the urban service area provisions of the Dane County Water Quality Plan and the Dane County Land Use and Transportation Plan, and

**WHEREAS**, the chief engineer and director of the district has recommended the approval of said plans,

**THEREFORE, BE IT RESOLVED**, that the plans for sanitary sewer extensions for Darwin Road Resurfacing with Utilities Assessment District - 2019, in the City of Madison, submitted on Dec. 6, 2018, by Mark Moder, City Engineering Division, be approved subject to the following conditions:

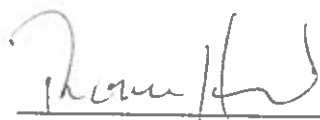
---

- 
1. That the City of Madison shall require the presence of an engineer or an inspector on the construction of said sewer extensions who shall make a record showing in detail the construction as built and shall furnish the district with as-built plans in the case of any significant deviations from the original design.
  2. That the construction, operation, maintenance and use of said sewer extensions shall be in accordance with the lawful rules and regulations of the district and with the applicable State of Wisconsin plumbing and sewerage codes.
  3. That if construction of the sewer extensions covered by said plans has not commenced within four years following the approval date of this resolution, this approval shall become void and new plans shall be submitted. If construction has commenced but has not been completed within the four-year approval period, the unbuilt portion must be submitted for reapproval if it is a significant portion of the project and would require DNR approval.

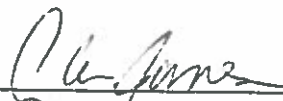
The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district on Jan. 17, 2019.

**MADISON METROPOLITAN SEWERAGE DISTRICT**

*Attested by:*



Thomas Hovel, President



Angela James, Secretary



---

**HAMMERSLEY AVENUE ASSESSMENT DISTRICT - 2019  
2019-01-17-R5**

**WHEREAS**, plans for sanitary sewer extensions were submitted to the Madison Metropolitan Sewerage District (the "district") for Hammersley Avenue Assessment District - 2019, in the City of Madison, on Dec. 17, 2018, by Kyle Frank, City Engineering Division, and

**WHEREAS**, the project will replace 1,017 feet of 8-inch diameter sanitary sewer on Hammersley Avenue, Standish Court and Alden Court, located within the City's Sunset Village neighborhood. The sewers have been determined to be in poor condition, undersized and currently located in the backyards of all lots making maintenance difficult. The new sewers are being installed in conjunction with the street reconstruction project, and

**WHEREAS**, no new lands will be served as part of this project, and

**WHEREAS**, the proposed sanitary sewer extension will connect to City of Madison's sanitary sewerage facilities, and is within the district's West Interceptor basin, and

**WHEREAS**, conveyance facility connection charges for the areas being served have been paid, and

**WHEREAS**, plan review fees are waived for street reconstruction projects, and

**WHEREAS**, the district has received a sewer extension review letter #6-18-57 from the Capital Area Regional Planning Commission (CARPC) dated Dec. 19, 2018 stating the CARPC staff has reviewed the proposed extension and determined that it is consistent with the urban service area provisions of the Dane County Water Quality Plan and the Dane County Land Use and Transportation Plan, and

**WHEREAS**, the chief engineer and director of the district has recommended the approval of said plans,

**THEREFORE, BE IT RESOLVED**, that the plans for sanitary sewer extensions for Hammersley Avenue Assessment District - 2019, in the City of Madison, submitted on Dec. 17, 2018, by Kyle Frank, City Engineering Division, be approved subject to the following conditions:

---

- 
1. That the City of Madison shall require the presence of an engineer or an inspector on the construction of said sewer extensions who shall make a record showing in detail the construction as built and shall furnish the district with as-built plans in the case of any significant deviations from the original design.
  2. That the construction, operation, maintenance and use of said sewer extensions shall be in accordance with the lawful rules and regulations of the district and with the applicable State of Wisconsin plumbing and sewerage codes.
  3. That if construction of the sewer extensions covered by said plans has not commenced within four years following the approval date of this resolution, this approval shall become void and new plans shall be submitted. If construction has commenced but has not been completed within the four-year approval period, the unbuilt portion must be submitted for reapproval if it is a significant portion of the project and would require DNR approval.

The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district on Jan. 17, 2019.

**MADISON METROPOLITAN SEWERAGE DISTRICT**

*Attested by:*

  
\_\_\_\_\_  
Thomas Hovel, President

  
\_\_\_\_\_  
Angela James, Secretary



---

**OLIN-TURVILLE CT SANITARY SEWER SLIP-LINING  
2019-01-17-R6**

**WHEREAS**, plans for sanitary sewer extension were submitted to the Madison Metropolitan Sewerage District (the "district") for Olin-Turville Ct Sanitary Sewer Slip-Lining, in the City of Madison, on Dec. 17, 2018, by Kyle Frank, City Engineering Division, and

**WHEREAS**, the sanitary sewer crossing Olin-Turville Ct was found to be in bad condition and in need of immediate replacement. Due to the difficult location, slip lining was the method selected for the rehabilitation. The project will slip-line 560 feet of 8-inch diameter sanitary sewer inside an existing 12-inch diameter pipe. The proposed sewers are situated adjacent to Wingra Creek, and cross both Olin-Turville Court and John Nolen Drive, and

**WHEREAS**, no new lands will be served as part of this project, and

**WHEREAS**, the proposed sanitary sewer extension will connect to City of Madison's sanitary sewerage facilities, and is within the district's South Interceptor basin, and

**WHEREAS**, conveyance facility connection charges for the areas being served have been paid, and

**WHEREAS**, plan review fees are waived for street reconstruction and sewer rehabilitation projects, and

**WHEREAS**, the district has received a sewer extension review letter #6-18-58 from the Capital Area Regional Planning Commission (CARPC) dated Dec. 19, 2018 stating the CARPC staff has reviewed the proposed extension and determined that it is consistent with the urban service area provisions of the Dane County Water Quality Plan and the Dane County Land Use and Transportation Plan, and

**WHEREAS**, the chief engineer and director of the district has recommended the approval of said plans,

**THEREFORE, BE IT RESOLVED**, that the plans for sanitary sewer extensions for Olin-Turville Ct Sanitary Sewer Slip-Lining, in the City of Madison, submitted on Dec. 17, 2018, by Kyle Frank, City Engineering Division, be approved subject to the following conditions:

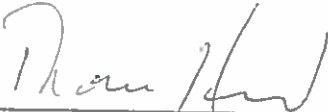
---

- 
1. That the City of Madison shall require the presence of an engineer or an inspector on the construction of said sewer extensions who shall make a record showing in detail the construction as built and shall furnish the district with as-built plans in the case of any significant deviations from the original design.
  2. That the construction, operation, maintenance and use of said sewer extensions shall be in accordance with the lawful rules and regulations of the district and with the applicable State of Wisconsin plumbing and sewerage codes.
  3. That if construction of the sewer extensions covered by said plans has not commenced within four years following the approval date of this resolution, this approval shall become void and new plans shall be submitted. If construction has commenced but has not been completed within the four-year approval period, the unbuilt portion must be submitted for reapproval if it is a significant portion of the project and would require DNR approval.

The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district on Jan. 17, 2019.

**MADISON METROPOLITAN SEWERAGE DISTRICT**

*Attested by:*

  
\_\_\_\_\_  
Thomas Hovel, President

  
\_\_\_\_\_  
Angela James, Secretary



**AWARD OF CONTRACT AND INCREASE TOTAL PROJECT COST:  
PUMPING STATION NO. 7 IMPROVEMENTS  
RESOLUTION 2019-01-17-R7**

**WHEREAS**, Madison Metropolitan Sewerage District (the "district") has determined the need to make improvements at Pumping Station No. 7, and

**WHEREAS**, Pumping Station No. 7 Improvements (the "project") was included in the district's capital improvements plan and budget, and

**WHEREAS**, Strand Associates prepared plans and specifications for the project, and

**WHEREAS**, district staff advertised the project as required by Wisconsin Statutes and the district's procurement policies, and

**WHEREAS**, the project includes various improvements to Pumping Station No. 7 that are needed so that the station continues to operate effectively and reliably, and

**WHEREAS**, the scope of work includes enhancements to power system reliability/resiliency and pumping modifications that were added between initial planning/budgeting and final design to ensure all operating and reliability concerns were properly addressed, and

**WHEREAS**, the increase in project scope increased the total estimated project cost above what was originally approved in the capital budget, thereby requiring commission approval, and

**WHEREAS**, district staff reviewed bidders' proof of responsibility, including but not limited to standard information regarding financial ability, equipment, experience in the work prescribed in the public contract and other matters that the district requires for the protection and welfare of the public in the performance of the project, all as permitted by Wis. Stats. s. 66.0901(2) and district policy, and thereby pre-qualified the bidders, and

**WHEREAS**, the district received three competitive bids from pre-qualified bidders and noted no bid abnormalities among the bids received, and

**WHEREAS**, the lowest responsible bid contains all documentation required by law and district policy, including, but not limited to, bid security, and

**WHEREAS**, the project will be financed by a Clean Water Fund loan.

---

---

**NOW, THEREFORE, BE IT RESOLVED** by the Madison Metropolitan Sewerage District Commission, and following consideration of the above recitals which are incorporated by reference, as follows:

1. The commission awards the contract for the Pumping Station No. 7 Improvements project to C. D. Smith Construction, Inc., at its low bid price of \$3,348,000.
2. The commission increases the total authorized project cost from \$3,997,000 to ~~\$4,217,000.~~ **\$4,250,000**
3. Following completion of all required conditions, the commission authorizes the chief engineer and director to execute the contract on behalf of the district.

The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held in the district office on Jan. 17, 2019.

**MADISON METROPOLITAN SEWERAGE DISTRICT**

Attested by:

  
\_\_\_\_\_  
Thomas Hovel, President

  
\_\_\_\_\_  
Angela James, Secretary



**AUTHORIZATION FOR SPONSORED RESEARCH  
RESOLUTION 2019-01-17-R8**

**WHEREAS**, the district conducts sponsored research projects and initiatives to improve treatment plant operations and to advance the district's goals and vision, and

**WHEREAS**, the district has allocated funds in the 2019 operating budget to fund the estimated costs of these items, and

**WHEREAS**, the district has an ongoing research relationship with Professor Daniel Noguera to better understand low dissolved oxygen activated sludge treatment processes including nitrite shunt and ammonia-based aeration control, and

**WHEREAS**, the planned 2019 work is anticipated to inform the viability of the nitrite shunt technology and guide the design direction for the proposed future phase II work originating from the liquid processing facilities plan,

**THEREFORE, BE IT RESOLVED**, that the chief engineer and director is authorized to sign the attached memorandum of agreement between Madison Metropolitan Sewerage District and the Board of Regents of the University of Wisconsin for the research to be conducted under the direction of Professor Daniel Noguera, Department of Civil and Environmental Engineering, University of Wisconsin – Madison at a cost of \$97,085.

**MADISON METROPOLITAN SEWERAGE DISTRICT**

*Attested by:*

Thomas Hovel, President

Angela James, Secretary

The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district on Jan. 17, 2019.



---

**APPROVAL OF FOURTH QUARTER SEWER SERVICE BILLS (2018)  
RESOLUTION 2019-01-17-R9**

**WHEREAS**, service charges are charges to the district's customer communities that recover its annual operating and debt service expenses based on the quantity and quality of wastewater received at the Nine Springs Wastewater Treatment Plant and the number of actual users and equivalent meters in service in the district, and

**WHEREAS**, the amount of service charges for each community is the sum of seven billing parameters: wastewater volume, carbonaceous biochemical oxygen demand (CBOD), total suspended solids (TSS), total kjeldahl nitrogen (TKN), total phosphorus (TP), actual customers and equivalent meters, and

**WHEREAS**, each billing parameter is measured by district staff and multiplied by its corresponding billing rate. Parameter billing rates are determined each year based on the district's operating and debt service costs, the expected quantity and quality of wastewater received at the treatment plant and the expected number of actual users and equivalent meters in service in the district, and

**WHEREAS**, service charges for transmitting and treating wastewater from the district's customer communities have been computed for the fourth quarter of 2018 for the period from Oct. 1, 2018 through Dec. 31, 2018,

**THEREFORE, BE IT RESOLVED**, that fourth quarter service charges be approved and distributed to each customer community in accordance with the attached service charge summary.

**BE IT FURTHER RESOLVED** that all customer community bills shall be payable by Feb. 15, 2019.

The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district on Jan. 17, 2019.

**MADISON METROPOLITAN SEWERAGE DISTRICT**

  
\_\_\_\_\_  
Thomas Hovel, President

Attested by:

  
\_\_\_\_\_  
Angela James, Secretary

# Madison Metropolitan Sewerage District



1610 Moorland Road • Madison, WI 53713-9399 • P. (608) 222-1201 • F. (608) 222-2703

January 15, 2019

Commissioners

Madison Metropolitan Sewerage District

Madison, WI 53713

Subject: Fourth Quarter Sewer Service Charges

October 1, 2018 through December 31, 2018

Commissioners:

The sewer service charges for transmitting and treating wastewater from the District's municipal customers for the period October 1, 2018 through December 31, 2018 are set forth in the attached list. The summary data for 2018 are given below.

Fourth Quarter 2018 Service Charges	\$9,167,360
Total Service Charges to Date	\$36,585,586
Budgeted Service Charge Revenue to Date	\$35,408,678
Revenue Surplus	\$1,176,908
Service Charges as Percent of Budgeted	103.3%

The computations for this billing are maintained in a computation file kept for that purpose. The rates per million gallons of wastewater, per pound of CBOD, per pound of Suspended Solids, per pound of Total Kjeldahl Nitrogen, per pound of Total Phosphorus, per Actual Customer, and per Equivalent Meter (equivalent to the capacity of a 5 8-inch water meter) are the same for all District customers.

I recommend that the District's municipal customer be invoiced for the amounts shown on the attached list. These bills will be payable by February 15, 2019.

Respectfully submitted,

Todd Gebert

Capital Planning Engineer

Attachment:

# Service Charge Summary

Quarter: 4, 2018

Days in Quarter: 92

## Municipality

		Quarterly Bill
City of Fitchburg		\$469,220.78
City of Madison		\$6,153,342.33
City of Middleton		\$444,871.06
City of Monona		\$211,382.11
City of Verona		\$298,619.37
Town of Dunn - Kegonsa		\$34,842.44
Town of Dunn #1		\$26,593.67
Town of Dunn #3		\$20,567.67
Town of Dunn #4		\$3,283.04
Town of Madison		\$130,684.10
Town of Pleasant Springs #1		\$18,877.63
Town of Verona - Marty Farms		\$138.55
Town of Verona #1		\$5,893.33
Town of Vienna - Wyst59 LLC		\$33.73
Town of Vienna #1		\$20,900.87
Town of Vienna #2		\$9,574.07
Town of Westport - Cherokee		\$459.53
Town of Westport Sewer Utility District	\$98,463.15	
Town of Westport Sewer Utility District, Gov Nelson Park	\$12.24	
Town of Westport Sewer Utility District, Madison Country Day	\$268.53	
Town of Westport Sewer Utility District, Webcrafters	\$142.36	
Town of Westport Sewer Utility District: Total		\$98,886.28
Village of Cottage Grove		\$140,863.16
Village of Dane		\$17,410.68
Village of DeForest	\$213,592.29	
Village of DeForest - Little Potato Company	\$18,574.95	
Village of DeForest - Sanimax	\$27,537.90	
Village of DeForest: Total		\$259,705.14
Village of Maple Bluff		\$34,991.93
Village of McFarland		\$169,981.77
Village of Shorewood Hills		\$41,585.91
Village of Waunakee	\$336,024.49	
Village of Waunakee - SPL	\$69,882.15	
Village of Waunakee: Total		\$405,906.64
Village of Windsor		\$148,744.18
<b>Total Service Charges for this Quarter</b>		<b>\$9,167,359.97</b>

## Service Charge Summary

### Total 2018 Charges

Municipality	Actual Charges	Budgeted Charges	Percent of Budgeted
City of Fitchburg	1,881,926	2,072,384	90.8%
City of Madison	24,591,079	23,407,166	105.1%
City of Middleton	1,833,202	1,880,421	97.5%
City of Monona	784,838	772,280	101.6%
City of Verona	1,206,773	1,148,581	105.1%
Town of Dunn #1	102,293	79,797	128.2%
Town of Dunn #3	80,835	74,992	107.8%
Town of Dunn #4	13,027	12,947	100.6%
Town of Dunn - Kegonsa	136,883	139,269	98.3%
Town of Madison	526,364	552,155	95.3%
Town of Pleasant Springs #1	76,406	76,239	100.2%
Town of Verona #1	23,546	24,916	94.5%
Town of Verona - Marty Farms	552	551	100.2%
Town of Vienna #1	62,229	43,395	143.4%
Town of Vienna #2	38,124	38,235	99.7%
Town of Vienna - Wyst59 LLC	134	133	100.8%
Town of Westport - Cherokee	2,331	3,328	70.0%
Town of Westport Sewer Utility District	384,278	400,077	96.1%
Village of Cottage Grove	552,488	557,877	99.0%
Village of Dane	72,756	71,394	101.9%
Village of DeForest	1,181,102	1,197,102	98.7%
Village of Maple Bluff	138,173	136,295	101.4%
Village of McFarland	665,562	653,467	101.9%
Village of Shorewood Hills	171,369	170,823	100.3%
Village of Waunakee	1,555,988	1,497,642	103.9%
Village of Windsor	503,328	397,212	126.7%
	36,585,586	35,408,678	103.3%